



**CONNECTORS**

**BOARD-TO-BOARD HEADERS & RECEPTACLES**



✓ Active

TE CONNECTIVITY (TE)

**.6FHR04H,140,S,STD,08/SP,TR,SEYes**

0.6mm FH | .6mm FH

8-5353189-0

TE Internal Number: 8-5353189-0

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Connector System** Board-to-Board

**Number of Positions** 140

**Centerline (Pitch)** .6 mm [ .024 in ]

**Stack Height** 4 mm [ .157 in ]

[↓ PRODUCT DRAWING](#)  
Japanese

[↓ 3D PDF](#)

## DOCUMENTATION

Product Drawings

**EMBOSS ASSY FH 0.6BTB CONNECTOR REC 4H STD TYPE**

PDF (TIFF AVAILABLE)

Japanese

CAD Files

**Customer View Model**

2D\_DXF.ZIP

English

**Customer View Model**

3D\_IGS.ZIP

English

## Customer View Model

3D\_STP.ZIP

English

## 3D PDF

PDF

English

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Product Specifications

Application Specification

## AMP FH 0.6mm Pitch Board-To-Board Connector

TIF

English

## AMP FH 0.6mm Pitch Board-To-Board Connector

PDF

English

Product Specification

## 0.6 Mm Pitch Board To Board Connector, Free Height Type Lead Free Version

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### Product Type Features

**Connector Style** Receptacle

**Connector System** Board-to-Board

**Connector & Contact Terminates To** Printed Circuit Board

**Series** Free Height

**PCB Mounting Orientation** Vertical

**Boss** With

**Product Type** Connector

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### Configuration Features

**Stackable** Yes

**Number of Positions** 140

**Board-to-Board Configuration** Mezzanine

**Number of Rows** 2

**Preloaded** Yes

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### Electrical Characteristics

**Dielectric Withstanding Voltage (VAC)** 200

**Voltage (VAC)** 50

**Insulation Resistance (MΩ)** 100 – 500

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### Body Features

**Sealant** With

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## Contact Features

**Solder Tail Contact Plating Material** Gold  
**Contact Plating Material** Gold Flash, Nickel  
**Contact Plating Thickness** 0.05–0.127, 1.3  
**Contact Mating Area Plating Material** Gold  
**Contact Mating Area Plating Thickness** .2 µm [ 7.874 µin ]  
**Contact Current Rating (Max) (A)** .5  
**Solder Tail Contact Plating Thickness** .05 µm [ 1.9685 µin ]  
**Contact Base Material** Copper Alloy  
**Contact Type** Socket  
**Contact Layout** Inline

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## Termination Features

**Termination Method to PC Board** Surface Mount

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## Mechanical Attachment

**Mating Alignment** With  
**Mating Alignment Type** Polarization  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Solder Peg  
**PCB Mount Alignment** With  
**PCB Mount Alignment Type** Locating Posts

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## Housing Features

**Centerline (Pitch)** .6 mm [ .024 in ]  
**Housing Material** High Temperature Thermoplastic  
**Housing Color** Black

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## Dimensions

**Stack Height** 4 mm [ .157 in ]  
**Height** 4 mm [ .157 in ]

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## Usage Conditions

**Operating Temperature Range** -40 – 85 °C [ -40 – 185 °F ]

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## Operation/Application

**Pick and Place Cover** Without  
**For Use With** Plug

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## Industry Standards

**UL Flammability Rating** UL 94V-0

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## Packaging Features

**Packaging Method** Reel  
**Packaging Quantity** 1000

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Statement of Compliance

**Statement of Compliance**

PDF

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